

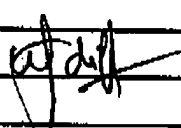
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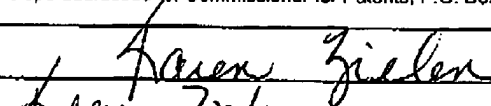
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<b>TRANSMITTAL FORM</b>  (to be used for all correspondence after initial filing)	Application Number	09/432,503	
	Filing Date	November 2, 1999	
	First Named Inventor	Thomas R. Cech, et al.	
	Art Unit	1645	
	Examiner Name	J. Eric Angell	
Total Number of Pages in This Submission	31	Attorney Docket Number	015389-002611US; 018/063C

ENCLOSURES (Check all that apply)		
<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input checked="" type="checkbox"/> Amendment/Reply (13 pages) <input type="checkbox"/> After Final <input type="checkbox"/> Affidavit/declaration(s) <input checked="" type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement  <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Reply to Missing Parts/Incomplete Application <input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation <input type="checkbox"/> Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____ <input type="checkbox"/> Landscape Table on CD	<input type="checkbox"/> After Allowance Communication to TC <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): <div style="text-align: right; font-weight: bold; font-size: 1.2em;">             RECEIVED              CENTRAL FAX CENTER              DEC 24 2004           </div>
<b>Remarks</b> 1. Declaration Under 37 CFR 1.132 of Edward D. Wirth (5 pages) 2. Copy of PTO-1449 (10 pages) ***last page marker (1 page)***		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT			
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Printed name	J. Michael Schiff		
Date	Dec 24/04	Reg. No.	40,253

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Typed or printed name	Karen Zielen
Date	Dec 24 2004

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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<u>Karen Zichen</u> Name	<u>Dec 24, 2004</u> Date

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Inventors: Cech et al.  Filing Date: November 2, 1999  Serial No: 09/432,503  Docket: 015389-002611US; 018/063c  Title: INCREASING THE PROLIFERATIVE CAPACITY OF CELLS USING TELOMERASE REVERSE TRANSCRIPTASE	Art Unit: 1645  Examiner: J. Eric Angell, Ph.D.  <div style="text-align: center;"><b>RECEIVED CENTRAL FAX CENTER DEC 24 2004</b></div>
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**AMENDMENT AND RESPONSE UNDER 37 CFR § 1.111**

Commissioner for Patents  
Alexandria VA 22313

Dear Sir,

This paper is responsive to the most recent Office Action on the merits, dated July 28, 2004, for which a response is due October 28, 2004. Accordingly, this paper is timely filed. This paper is accompanied by a Request for a two month time extension, setting the deadline to December 28, 2004. Accordingly, this response is timely filed.

Please enter the following amendments and remarks.